APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/549,407	09/14/2005	Junbiao Zhang	PU030084	1695

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EXAMINER
CHEN, SHIN HON

ART UNIT	PAPER NUMBER
2131	

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08/31/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/549,407	ZHANG ET AL.
	Examiner	**Art Unit**	
	Shin-Hon Chen	2131	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _14 September 2005._

2a)☐ This action is **FINAL.**   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-21_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-21_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _14 September 2005_ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _9/14/05_.

4)☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application

6)☐ Other: _____ .

DETAILED ACTION

1.   Claims 1-21 have been examined.

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed
> in the United States before the invention by the applicant for patent or (2) a patent granted on an application for
> patent by another filed in the United States before the invention by the applicant for patent, except that an
> international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this
> subsection of an application filed in the United States only if the international application designated the United
> States and was published under Article 21(2) of such treaty in the English language.

3.   Claims 1-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Luo U.S. Pub.

No. 20030169713 (hereinafter Luo).

4.   As per claim 1 and 5, Luo discloses a method for enabling a client terminal to access a

wireless network, comprising the steps of: receiving an access request from the client terminal

(Luo: [0037]: access request); redirecting the access request to a local web server; requesting

from the client terminal, information required to establish client terminal access to the wireless

network (Luo: [0039]-[0040]; [0042]); activating, in response to the information received from

the client terminal, a software module that reconfigures the client terminal for authentication

using appropriate parameters associated with a configuration arrangement selected by a user

(Luo: [0018]: refer to other accounts that the user has; [0045]: java applet); and authenticating

the reconfigured client terminal and allowing access to the wireless network in response to the

authentication (Luo: [0045]: grant access after applet is activated).

5.   As per claim 2 and 6, Luo discloses the method of claims 1 and 5 respectively. Luo further discloses wherein the wireless network is an IEEE 802.11 compliant wireless local area network (WLAN), and the client terminal is an IEEE 802.1x compliant client terminal (Luo: [0035]: 802.11x).

6.   As per claim 3, Luo discloses the method of claim 2. Luo further discloses wherein the activating step comprises activating an Active X control/plug-in previously installed on the client terminal (Luo: [0018] and [0045]).

7.   As per claim 4, Luo discloses the method of claim 2. Luo further discloses wherein the activating step comprises downloading to, and activating in, the client terminal an Active X control/plug-in (Luo: [0045]: java applet).

8.   As per claim 7, Luo discloses a method for configuring a client terminal to provide secure access in a wireless network, comprising the steps of: filtering traffic associated with an HTTP request from the client terminal for access to the wireless network, redirecting the request to a designated web server, and issuing a request from the designated web server to the client terminal for information required to establish an authorized communication (Luo: [0018]).

9.   As per claim 8, Luo discloses the method of claim 7. Luo further discloses wherein the

wireless network is an IEEE 802.11 compliant wireless local area network and the client terminal

is an IEEE 802.1x compliant client terminal (Luo: [0018]: 802.11x).

10.   As per claim 9, Luo discloses the method of claim 8. Luo further discloses the step of the

client terminal providing the web server information required to establish an authorized

connection (Luo: [0043]: credential).

11.   As per claim 10, Luo discloses the method of claim 8. Luo further discloses the step of

receiving from the web server and communicating to the client terminal access rate information

required to establish an authorized communication (Luo: [0018]: create new account; [0043]:

provide information to server).

12.   As per claim 11, Luo discloses the method of claim 8. Luo further discloses the step of

receiving from the web server and communicating to the client terminal access user account

creation information required to establish an authorized communication (Luo: [0018]: open new

account).

13.   As per claim 12, Luo discloses the method of claim 8. Luo further discloses the step of

receiving from the web server and communicating to the client terminal access authentication

method selection information required to establish an authorized communication (Luo: [0044]:

positive acknowledgement page).

14.   As per claim 13, Luo discloses the method of claim 8. Luo further discloses the step of

receiving from the web server and communicating to the client terminal new account creation

information required to establish an authorized communication (Luo: [0018]: create new

account).

15.   As per claim 14, Luo discloses the method of claim 8. Luo further discloses the step of

receiving from the web server and communicating to the client terminal access user terms and

conditions of acceptance information required to establish an authorized communication (Luo:

[0018]; [0043]: authentication page).

16.   As per claim 15, Luo discloses the method of claim 8. Luo further discloses the step of

receiving from the client terminal and communicating to the web server access rate information

required to establish an authorized communication (Luo: [0018]).

17.   As per claim 16, Luo discloses the method of claim 8. Luo further discloses the step of

receiving from the client terminal and communicating to the web server user account creation

data required to establish an authorized communication (Luo: [0018]: create new account).

18.   As per claim 17, Luo discloses the method of claim 8. Luo further discloses the step of

receiving from the client terminal and communicating to the web server user access

authentication method selection information required to establish an authorized communication (Luo: [0042]: the authentication page support various user authentication methods).

19.   As per claim 18, Luo discloses the method of claim 8. Luo further discloses the step of receiving from the client terminal and communicating to the web server acceptance of the user access terms and conditions required to establish an authorized communication (Luo: [0043]-[0044]).

20.   As per claim 19, Luo discloses the method of claim 8. Luo further discloses whereby the browser program is an ActiveX control (Luo: [0045]: Java applet).

21.   As per claim 20, Luo discloses the method of claim 8. Luo further discloses whereby the browser program is a plug-in (Luo: [0045]: Java applet).

22.   As per claim 21, Luo discloses a mobile terminal, comprising: means for receiving an extended authentication protocol request identification message packet (Luo: [0018]: EAP protocols); means for forwarding an extended authentication protocol response identity message packet (Luo: [0018]: local EAP authentication); means for receiving an extended authentication protocol failure message packet (Luo: [0018]: EAP failure initiate web server authentication); means for forwarding a web re-direct request (Luo: [0018]: web server initiate user-to-network authentication); means for receiving a provider list web page; means for selecting a provider and forwarding said selected provider information (Luo: [0018]: user can refer to authentication

server for which the user has account); means for receiving an ActiveX control message to re-configure said mobile terminal (Luo: [0018]: receiving applet); and means for reconfiguring said mobile terminal and establishing authorized communications (Luo: [0018]: applet will be used to provide authentication for consequent communication).

Conclusion

23.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Pub. No. 20020176366 discloses system for achieving zero-configuration wireless computing.

Keeler et al. U.S. Pub. No. 20030233580 discloses authorization and authentication of user access to a distributed network communication system with roaming features.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shin-Hon Chen whose telephone number is (571) 272-3789. The examiner can normally be reached on Monday through Friday 8:30am to 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Shin-Hon Chen
Examiner
Art Unit 2131

SC

SYED A. ZIA
PRIMARY EXAMINER